Claims:

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- A composition for a fire-protection agent for
 materials, characterized in that its ingredients include ceramic-forming additives and volume-formers.
- 2. The composition of claim 1, characterized in that ceramic-forming additives included are at least two of the compounds disodium tetraborate, ammonium pentaborate, TiO_2 , B_2O_3 and SiO_2 , especially disodium tetraborate and ammonium pentaborate.
- 3. The composition of claim 1 or claim 2, characterized in that volume-formers included are gasformers alone or in combination with acid-formers.
- The composition of claim 3, wherein the gas-former is selected from the group consisting of NH₄Cl, NaHCO₃,
 melamine phosphate and melamine.
 - 5. The composition of claim 3 or 4, wherein the acidformer is selected from the group consisting of
 melamine phosphate, aluminum sulfate, ammonium
 polyphosphate, ammonium monophosphate, and melaminecoated ammonium polyphosphate.
- 6. The composition of any one of the preceding claims, comprising as further auxiliaries KAlsO₄, 30 Al(OH)₃, aluminum sulfate, pentaerythritol, dipentaerythritol or tripentaerythritol.
- 7. The composition of any one of the preceding claims, which is a paint based on polybutadiene resin, on melamine/formaldehyde and/or on radiation-curable coating material.

- 8. The composition of any one of the preceding claims, further comprising dispersants, fillers, pigments, defoamers, inorganic salts, flow control additives, crosslinkers and/or silane/siloxane-based silicone microemulsion.
- 9. The composition of any one of the preceding claims, wherein the composition is added as an addition to carbon foam-formers.

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- 10. The composition of any one of the preceding claims, wherein the composition is in liquid form.
- 11. The composition of any one of the preceding claims, wherein at least the ceramic-forming additives and the volume-formers are present in nanoparticle-coated form.
- 12. The composition of any one of the preceding claims, wherein salts of the ceramic-forming additives and of the volume-formers exhibit a particle size of 1 to 50 μm .
- 13. A method of treating materials for fire protection, comprising applying a composition of any one of claims 1 to 12.
 - 14. The method of claim 13, wherein the material in question is wood, steel, concrete or plastic.

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- 15. A method of producing a fire-protection agent, characterized in that ceramic-forming additives are added to a volume-developable fire-protection agent.
- 35 16. The method of claim 15, characterized in that the ceramic-forming additives are ground with one another before being incorporated by dispersion into the fire-protection agent.

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- 17. The method of either of claims 15 and 16, characterized in that grinding takes place in a ball mill in the absence of moisture for 0 to 3 days.
- 18. The method of any one of claims 15 to 17, characterized in that the ceramic-forming additives and the volume-formers are present as nanoparticle-coated salts.
- 19. The use of a composition of any one of claims 1 to 12 as fire protection for wood, steel, concrete, plastic.
- 15 20. The use of ceramic-forming additives and/or volume-formers, as defined in any one of the preceding claims, as an admixture to polymers, such as cable sheathings.
- 20 21. The use of ceramic-forming additives and/or volume-formers for producing transparent coatings, these additives and/or volume-formers being present with particle sizes of 1 to 150 nm as nanoparticles.